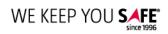
## **Product Data Sheet**



Product:	Neolution®Air I							
REF:	257V MADE IN GERMANY					ANY		
Manufacturer:	DACH Schutzbekleidung GmbH & Co. KG							
Classification:	Category III Personal Protective Equipment accordingly Regulation (EU) 2016/425							
Protection class:	Particle filtering half mask FFP3 NR D accordingly EN 149:2001+A1:2009.							
	Very good skin compatibily scientifically proven by testing accordingly EN ISO 10993-5 (cytotox EN ISO 10993-10 (sensitization) and EN ISO 10993-23 (irritation): The materials used are not c not sensitizing and not irritating.							
Materials:	<ul> <li>Mask: Polypropylene nonwoven</li> <li>Ear loops: textile elastic made from polyester and elastane, free from natural latex</li> <li>Nose clip: metal wire covered by plastic</li> <li>Valve: Polypropylene</li> </ul>							
Product description:	The three-part respirator Neolution <sup>®</sup> Air Loop impresses with high-quality materials that guarantee the wearer maximum comfort. High-tech filter material generates a high filtering performance against solid and liquid aerosols with extremely low breathing resistance.							
	Due to the three flexible mask parts, the mask follows the jaw movements when speaking. This ensures a constant tight fit. Quick and secure donning and doffing thanks to elastic ear loops. The thick ear loops fit comfortably around the ear without cutting in.							
	Maximum protection even under extreme conditions: for disposable masks voluntary dolor loading test passed!							
Product performance:	Product performance acordingly EN 149:2001+A1:2009							
	Filter efficiency							
	Class	Requirement Maximum penetration		Те	Test result			
				Ac	Actual penetration			
		NaCl 95 I/ min	Paraffin oil 95 l/min	Na mi	aCl 95 l/ in	Paraffin oil 95 l/min		



## **Product Data Sheet**



	FFP3 NR D	1%	1%		0,07 %	7 % 0,16 %			
	Breathing resistance								
	Class	ss Requirement				Test result			
		Maxium breathing resistance (mbar)			Actual breathing resistance (mbar)				
		Inhalation		Exhalation	Inhalation		Exhalation		
		30 l/min	95 l/min	160 l/min	30 l/min	95 l/min	160 l/min		
	FFP3 NR D	1,0	3,0	3,0	0,4	1,6	1,6		
	Leakage test								
	Class		Test result						
		Maximum to leakage (%)	otal inward Minimum Total inward leakage Protection factor (Fit Factor)		leakage (%) <sup>1</sup>	Protection factor (Fit Factor) <sup>1,2</sup>			
	FFP3 NR D	2 30		30	0,44		227		
	<sup>1</sup> The leakage and protection factor values were determined as mean values with two test persons under laboratory conditions and are for reference only. The data does not represent the actual leakage of a person at the workplace and does not replace an individual fit test. <sup>2</sup> The fit factor (protection factor) indicates the ratio between the particle concentration outside the mask and the particle concentration inside the mask.								
	Carbon dioxide content of inhalation air								
	Class	Requirement	(max.)		Test result				
	FFP3 NR D	1%			0,56 %				
Packaging and Variants	/ariants Packaging Box Carton Pallet		Quantity	Quantity		GTIN			
			20 pcs.		404982	4049825007272			
			120 pcs.	120 pcs.		4049825507260			
			6480 Stk.						
REF:	257V								
Colour:	White	White							
Use:	For single use. Read the instructions before use.								



## **Product Data Sheet**



Storage:	Store in a dry place without direct sunlight in the original packaging (see packaging). If the storage conditions are observed, the product has a storage life of 5 years (see labelling on the product).
Environmental sustainability and disposal:	In the case of contaminated products, the nature and extent of the contamination determines the disposal, following the applicable laws and regulations of the relevant country. A non-contaminated product can be thermally recycled or disposed of in landfills without releasing toxic substances.

